

L Number	Hits	Search Text	DB	Time stamp
1	87	(mudweight or (mud and weight)) with (bha or (bottom and hole and assembly)) and ((borehole or (bore and hole)) or (wellbore or (well and bore)))	USPAT; US-PGPUB	2003/08/10 13:17
2	2	estimat\$3 with (pore and pressure) and formation and bha	USPAT; US-PGPUB	2003/08/10 13:20
3	1	estimat\$3 with (pore and pressure) and formation and bha and ((look and ahead) or ahead)	USPAT; US-PGPUB	2003/08/10 13:21
4	4	estimat\$3 and (pore and pressure) and formation and bha and ((look and ahead) or ahead)	USPAT; US-PGPUB	2003/08/10 14:22
9	10	175/45.ccls. and robbins	USPAT; US-PGPUB	2003/08/10 14:15
10	1	175/45.ccls. and robbins.in.	USPAT; US-PGPUB	2003/08/10 14:15
11	539	175/45.ccls.	USPAT; US-PGPUB	2003/08/10 14:16
12	4	175/45.ccls. and (pore with pressure)	USPAT; US-PGPUB	2003/08/10 14:17
13	0	175/45.ccls. and (pore with pressure) and mudweight	USPAT; US-PGPUB	2003/08/10 14:17
14	0	175/45.ccls. and (pore with pressure) and (mud adj weight)	USPAT; US-PGPUB	2003/08/10 14:18
15	2	175/45.ccls. and (pore with pressure) and (mud and weight)	USPAT; US-PGPUB	2003/08/10 14:20
16	4	175/45.ccls. and (pore with pressure)	USPAT; US-PGPUB	2003/08/10 14:20
17	4	estimat\$3 and (pore and pressure) and formation and bha and ((look and ahead) or ahead)	USPAT; US-PGPUB	2003/08/10 14:22
18	0	estimat\$3 and (pore and pressure) and formation and bha and ((look and ahead) or ahead)	USOCR	2003/08/10 14:22
19	0	estimat\$3 and (pore and pressure) and formation and bha and ((look and ahead) or ahead)	DERWENT	2003/08/10 14:23
20	4	estimat\$3 and (pore and pressure) and formation and bha and ((look and ahead) or ahead)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/10 14:23
21	2	estimat\$3 and (pore and pressure) and formation and bha and ((look and ahead) or ahead)	USPAT	2003/08/10 14:24

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1	87	(mudweight or (mud and weight)) with (bha or (bottom and hole and assembly)) and ((borehole or (bore and hole)) or (wellbore or (well and bore)))	USPAT; US-PGPUB	2003/08/10 13:17
2	2	estimat\$3 with (pore and pressure) and formation and bha	USPAT; US-PGPUB	2003/08/10 13:20
3	1	estimat\$3 with (pore and pressure) and formation and bha and ((look and ahead) or ahead)	USPAT; US-PGPUB	2003/08/10 13:21
4	4	estimat\$3 and (pore and pressure) and formation and bha and ((look and ahead) or ahead)	USPAT; US-PGPUB	2003/08/10 14:05
9	10	175/45.ccls. and robbins	USPAT; US-PGPUB	2003/08/10 14:07

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6206108 B1	20010327	33	Drilling system with integrated bottom hole assembly	175/24
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6088294 A	20000711	24	Drilling system with an acoustic measurement-while-driving system for determining parameters of interest and controlling the drilling direction	367/25

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1	175/40; 175/45; 175/61		MacDonald, Robert P. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	175/45		Leggett, III, James V. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Image Doc. Displayed	PT
1	US 6206108	<input type="checkbox"/>
2	US 6088294	<input type="checkbox"/>

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	<input type="checkbox"/>	<input type="checkbox"/>	US 20020159332 A1	20021031	11	Method for borehole measurement of formation properties	367/35
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6220087 B1	20010424	18	Method for determining equivalent static mud density during a connection using downhole pressure measurements	73/152.46

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1	702/14		Thomann, Hans et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2			Hache, Jean-Michel et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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1	US 20020159332	<input type="checkbox"/>
2	US 6220087	<input type="checkbox"/>

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	<input type="checkbox"/>	<input type="checkbox"/>	US 6581010 B2	20030617	22	Semblance processing for an acoustic measurement-while-drilling system for imaging of formation boundaries	702/9
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6568486 B1	20030527	19	Multipole acoustic logging with azimuthal spatial transform filtering	175/45
3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 6484818 B2	20021126	57	Horizontal directional drilling machine and method employing configurable tracking system interface	175/45
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6349778 B1	20020226	10	Integrated transmitter surveying while boring entrenching powering device for the continuation of a guided bore hole	175/73
5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 6315062 B1	20011113	58	Horizontal directional drilling machine employing inertial navigation control system and method	175/45
6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6206108 B1	20010327	33	Drilling system with integrated bottom hole assembly	175/24
7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6166994 A	20001226	11	Seismic detection apparatus and method	367/57
8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6088294 A	20000711	24	Drilling system with an acoustic measurement-while-driving system for determining parameters of interest and controlling the drilling direction	367/25
9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6023443 A	20000208	20	Semblance processing for an acoustic measurement-while-drilling system for imaging of formation boundaries	367/76
10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5678643 A	19971021	36	Acoustic logging while drilling tool to determine bed boundaries	175/45

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1	175/45	175/45	Dubinsky, Vladimir et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	702/6	175/45	George, Wallace R. A.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	166/255.2	175/45	Alft, Kevin L. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	175/107; 175/45	175/45	Blair, Paris E. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	166/255.2	175/45	Alft, Kevin L. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	175/40; 175/45; 175/61	175/45	MacDonald, Robert P. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	175/45; 367/73	175/45	Jeffryes, Benjamin Peter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	175/45	175/45	Leggett, III, James V. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	175/45	175/45	Dubinsky, Vladimir et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	166/255.2	175/45	Robbins, Carl Arthur et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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1	US 6581010	<input type="checkbox"/>
2	US 6568486	<input type="checkbox"/>
3	US 6484818	<input type="checkbox"/>
4	US 6349778	<input type="checkbox"/>
5	US 6315062	<input type="checkbox"/>
6	US 6206108	<input type="checkbox"/>
7	US 6166994	<input type="checkbox"/>
8	US 6088294	<input type="checkbox"/>
9	US 6023443	<input type="checkbox"/>
10	US 5678643	<input type="checkbox"/>

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3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6484818 B2	20021126	57	Horizontal directional drilling machine and method employing configurable tracking system interface	175/45
4	<input type="checkbox"/>	<input type="checkbox"/>	US 6349778 B1	20020226	10	Integrated transmitter surveying while boring entrenching powering device for the continuation of a guided bore hole	175/73
5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6315062 B1	20011113	58	Horizontal directional drilling machine employing inertial navigation control system and method	175/45
6	<input type="checkbox"/>	<input type="checkbox"/>	US 6206108 B1	20010327	33	Drilling system with integrated bottom hole assembly	175/24
7	<input type="checkbox"/>	<input type="checkbox"/>	US 6166994 A	20001226	11	Seismic detection apparatus and method	367/57
8	<input type="checkbox"/>	<input type="checkbox"/>	US 6088294 A	20000711	24	Drilling system with an acoustic measurement-while-driving system for determining parameters of interest and controlling the drilling direction	367/25
9	<input type="checkbox"/>	<input type="checkbox"/>	US 6023443 A	20000208	20	Semblance processing for an acoustic measurement-while-drilling system for imaging of formation boundaries	367/76
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2	702/6	175/45	George, Wallace R. A.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	166/255.2	175/45	Alft, Kevin L. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	175/107; 175/45	175/45	Blair, Paris E. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	166/255.2	175/45	Alft, Kevin L. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	175/40; 175/45; 175/61	175/45	MacDonald, Robert P. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	175/45; 367/73	175/45	Jeffryes, Benjamin Peter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	175/45	175/45	Leggett, III, James V. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	175/45	175/45	Dubinsky, Vladimir et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	166/255.2	175/45	Robbins, Carl Arthur et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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